Title (en)

BROADCAST HAND-OVER IN A WIRELESS NETWORK

Title (de)

SENDEÜBERGABE IN EINEM DRAHTLOSEN NETZWERK

Title (fr)

TRANSFERT AUTOMATIQUE INTERCELLULAIRE D'EMISSIONS RADIODIFFUSEES DANS UN RESEAU SANS FIL

Publication

EP 1584202 A2 20051012 (EN)

Application

EP 03769797 A 20031110

Priority

• IB 0305104 W 20031110
• US 32610602 A 20021223

Abstract (en)

[origin: US2004120285A1] A system and method are disclosed for providing multicast channel handover in a mobile device within a mobile network. First and second transmitters within first and second cells broadcast datagrams associated with a logical identifier according to link-level access parameters common to the first and second transmitters. A mobile device receives the broadcast datagrams for the logical identifier from the first transmitter by configuring the common link-level access parameters. As part of handover from the first cell to the second cell, the mobile device continues receiving the broadcast datagrams from the second transmitter by maintaining the common link-level access parameters. In one embodiment, the datagrams are IP datagrams transmitted in an MPEG2 transport stream. The link-level access parameters may include time slice parameters associated with burst transmissions from the first and second transmitters according to an embodiment of the invention.

IPC 1-7

H04Q 7/00; H04J 3/24

IPC 8 full level

H04W 4/06 (2009.01); H04W 36/08 (2009.01)

CPC (source: EP KR US)

H04W 8/02 (2013.01 - KR); **H04W 36/0007** (2018.07 - EP US); **H04W 36/22** (2013.01 - KR); **H04W 72/30** (2023.01 - EP US); H04W 36/08 (2013.01 - EP KR US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2004120285 A1 20040624; **US 6977914 B2 20051220**; AT E426307 T1 20090415; AU 2003278498 A1 20040714; AU 2003278498 A8 20040714; CN 1739305 A 20060222; CN 1739305 B 20100512; DE 60326766 D1 20090430; EP 1584202 A2 20051012; EP 1584202 A4 20070418; EP 1584202 B1 20090318; KR 100753026 B1 20070830; KR 20050091016 A 20050914; WO 2004057762 A2 20040708; WO 2004057762 A3 20041216

DOCDB simple family (application)

US 32610602 A 20021223; AT 03769797 T 20031110; AU 2003278498 A 20031110; CN 200380108880 A 20031110; DE 60326766 T 20031110; EP 03769797 A 20031110; IB 0305104 W 20031110; KR 20057011730 A 20050622